

Title (en)

Instrument sterilization container formed of a liquid crystal polymer

Title (de)

Aus Flüssigkristallpolymer hergestellter Sterilisationsbehälter für Instrumente

Title (fr)

Conteneur pour la stérilisation d'instruments en polymère cristallin liquide

Publication

EP 0815876 A2 19980107 (EN)

Application

EP 97304655 A 19970627

Priority

US 67280296 A 19960628

Abstract (en)

A sterilization container for sterilizing, storing and transporting instruments is formed of a liquid crystal polymer, such as a wholly aromatic polyester. The container is strong yet has thin walls so that condensation is minimized. Suitable polymers include wholly aromatic polyesters such as: polybenzoate-naphthalate; polybenzoate-terephthalate-bisphenol-isophthalate; polybenzoate-terephthalate-ethylene glycol; and polynaphthalate-amino terephthalate.

IPC 1-7

A61L 2/26

IPC 8 full level

A61L 2/20 (2006.01); **A61L 2/00** (2006.01); **A61L 2/26** (2006.01)

CPC (source: EP KR US)

A61L 2/26 (2013.01 - EP KR US); **B65D 1/0207** (2013.01 - KR); **C08K 3/40** (2013.01 - KR); **C08L 31/08** (2013.01 - KR);
A61L 2/07 (2013.01 - EP US); **A61L 2/14** (2013.01 - EP US); **A61L 2/206** (2013.01 - EP US); **A61L 2/208** (2013.01 - EP US);
A61L 2202/122 (2013.01 - EP US); **A61L 2202/182** (2013.01 - EP US); **A61L 2202/24** (2013.01 - EP US)

Cited by

DE10124252A1; DE10124252B4; WO02100447A1; US6692693B2; US6759017B2

Designated contracting state (EPC)

AT BE CH DE DK FI FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0815876 A2 19980107; **EP 0815876 A3 19991215**; **EP 0815876 B1 20031008**; AT E251468 T1 20031015; AU 2754397 A 19980115;
AU 727245 B2 20001207; BR 9703802 A 19981110; BR 9703802 B1 20090113; CA 2208927 A1 19971228; CA 2208927 C 20051122;
CN 1135118 C 20040121; CN 1182624 A 19980527; DE 69725389 D1 20031113; DE 69725389 T2 20051103; DK 0815876 T3 20040126;
IN 191124 B 20030927; JP H1066722 A 19980310; KR 100699180 B1 20070709; KR 980000472 A 19980330; MX 9704965 A 19980531;
MY 130947 A 20070731; NO 312498 B1 20020521; NO 973011 D0 19970627; NO 973011 L 19971229; RU 2226405 C2 20040410;
SG 50859 A1 19980720; TW 413626 B 20001201; US 2002192108 A1 20021219; US 2003185731 A1 20031002; US 2003211023 A1 20031113;
US 6379631 B1 20020430; US 6692693 B2 20040217; US 6759017 B2 20040706; ZA 975766 B 19981228

DOCDB simple family (application)

EP 97304655 A 19970627; AT 97304655 T 19970627; AU 2754397 A 19970626; BR 9703802 A 19970630; CA 2208927 A 19970626;
CN 97117815 A 19970628; DE 69725389 T 19970627; DK 97304655 T 19970627; IN 1226CA1997 A 19970626; JP 20825397 A 19970627;
KR 19970031034 A 19970627; MX 9704965 A 19970630; MY PI9702915 A 19970627; NO 973011 A 19970627; RU 97111184 A 19970627;
SG 1997002202 A 19970626; TW 86109215 A 19970724; US 11421202 A 20020402; US 37693903 A 20030228; US 37699303 A 20030228;
US 67280296 A 19960628; ZA 975766 A 19970627